

# PS 10 Lab scale pasteuriser

## Capacity Details

| Parameter                  |  |
|----------------------------|--|
| Flow rate                  | 1 L/hr to 10 L/hr  |
| Pasteurisation temperature | 60°C to 90°C   |
| Product temperature        | Upto 5°C higher than the cooling water. Automatic product temperature control is unique to our pasteuriser   |
| Temperature accuracy       | Better than $\pm 1^\circ\text{C}$  |
| Minimum sample volume      | 300 ml   |
| Holding tube               | Standard tube suitable for 16 seconds at 10 L/hr. Holding tubes for different durations and flow rates can be supplied   |
| Viscosity                  | 2,000 cps with parastaltic pump<br>4,000 cps with positive piston pump   |
| Pump                       | Parastaltic pump standard<br>Positive piston pump optional   |
| Power supply               | 215 V 50 Hz (other options are available)  |
| Connected load             | 2.5 kW   |
| Heating system             | Electric 2 kW controlled by our own specially designed microprocessor  |
| Data logging option        | Data logging kit consisting of:<br>- Software<br>- Interface device<br>- Manual<br>- Interconnecting leads<br>Transfers operational data to a PC running Windows 95/98 |
| Minimum sample volume      | 300 ml   |
| Length                     | 600 mm   |
| Width                      | 300 mm   |
| Height                     | 800 mm   |
| Shipping weight            | 40 kg unpacked   |



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